

CONCORDIA UNIVERSITY

Faculty of Engineering and Computer Science

Minutes of Meeting 89-2

of the

Engineering and Computer Science Faculty Council

held

Friday, March 17, 1989

Present: Professors M.N.S. Swamy (Chair); M.O. Ahmad, V.S. Alagar, R.B. Bhat, B.B. Bhattacharyya, A.E. Blach, B.B. Budkowska, T.D. Bui, M. Douglass, A. Elhakeem, T. Fancott, P.P. Fazio, D. Feldman, P. Grogono, F.D. Hamblin, J.F. Hayes, H.F. Li, O. Moselhi, M.O.M. Osman, E.I. Plotkin, F. Sadri, S. Sarraf, T. Stathopoulos; Mr. R. Martin (Registrar's Rep.); Mrs. Z. Jirkovsky (Library); student representatives R.V. Dantu (ECSGA), M. Di Niro, S. Gulati, C. Sbragia, E. Shuster (ECA); P.M. Bourassa (Secretary).

Absent with apology: Professor B. Ashtakala.

Visitors: Professors A. Ramamurthy and K. Thulasiraman.

1. **Adoption of Agenda**

Dean Swamy being delayed, the meeting started under the chairmanship of Professor F.D. Hamblin. It was agreed that item 3 (Chairman's Remarks) would be delayed until Dr. Swamy's arrival. Since Dr. Fancott was also expected later, it was also agreed that item 4, which he was to present to the Committee would be switched with item 7.

Motion 89-2-1 Subject to the above, Council unanimously approved the published agenda.

2. **Adoption of the Minutes of Meeting 89-1**

Motion 89-2-2 Council unanimously adopted a motion to approve the minutes of Meeting 89-1.

3. **Composition of ECFC**

Document ECFC 89-2-3 was submitted to Council for its consideration. After some discussion, which included the

suggestion that a special Faculty committee be formed to study the question, it was stated that the matter had already been dealt with, to some extent, by Motion 88-6-13, passed October 21, 1988, which tabled a proposition and referred it to the departments which would send their recommendations to the Executive committee.

However, little had been accomplished since, partly because some departments were expecting additional information.

Motion 89-2-3 A motion to bring back Motion 88-6-13 for Council's consideration was approved unanimously.

Motion 89-2-4 A motion to refer Doc. ECFC 88-6-4 (tabled by Motion 88-6-3) and Doc. ECFC 89-2-3 to the Executive Committee, with the Chairs sounding out their respective units, was approved by a vote of 23 in favour, none opposed and two abstentions.

Since Dr. Fancott had not yet arrived and his presence would be helpful when considering the Graduate Grading System, it was agreed to proceed to item 6 of the published agenda.

4. Graduate Slot Courses

Doc. ECFC 89-2-4 was handed out to Council members who were present.

Motion 89-2-5 A motion to approve a Mechanical Engineering slot course on "Design and Analysis of Thermal Systems" was unanimously adopted.

Another slot course proposed by the Mechanical Engineering Department and entitled "Similarity and Modeling in Engineering Systems" was not considered by Council because it had been referred back to the department by ECGSC, to ensure that there is no substantial overlap with an existing Civil Engineering course.

The Computer Science Department is proposing the following four courses which are recommended by ECGSC:

- a) Robot Vision
- b) Parallel Algorithms

- c) Object-Oriented Programming
- d) Concurrency Theory with Application to Asynchronous Systems

Motion 89-2-6 A motion to approve these four slot courses was unanimously adopted.

Three slot courses proposed by the Civil Engineering Department are being recommended by ECGSC. They are:

- a) Traffic Engineering
- b) Hydraulic Machinery
- c) Water Quality.

Motion 89-2-7 A motion to approve these three slot courses was unanimously adopted.

5. Graduate Grading System

The proposal in Doc. ECFC 89-2-2 was submitted for Council's consideration.

Motion 89-2-8 After some discussion, a motion proposing that the Graduate Grading System be left unchanged was adopted by a vote of 20 in favour, one opposed and 7 abstentions.

6. Modifications to the Master of Engineering Programme

Motion 89-2-9 It was moved and seconded that the revision to the Master of Engineering programme outlined in the Summary of Doc. 89-2-2 be approved in principle.

1

During the discussion, the following amendment was submitted, proposing:

Motion 89-2-10 THAT the number of courses which could be replaced by projects be increased to five.

This motion was defeated by a vote of 2 in favour, 16 opposed and 6 abstentions.

Discussion resumed on the main motion and another amendment was submitted, proposing:

Motion 89-2-11 THAT the words "either the B or C section above" at the bottom of the Summary, be replaced by "the C section above".

This motion was approved by a vote of 18 in favour, none opposed and two abstentions.

Discussion resumed again on the main motion and another amendment was submitted, proposing:

Motion 89-2-12 THAT the word "Diploma" be removed from part C of Option B, and that the Computer Science Department be requested to propose special courses for graduate students of the various Engineering Departments.

This motion was unanimously adopted.

Discussion resumed again on the main motion and another amendment was submitted, proposing:

Motion 89-2-13 THAT Topic Area E72 - Business Administration Program - be revised by removing the "Statistics" and "Operations Research" courses and reviewing which others, from courses offered by the Faculty of Commerce and Administration, might be added.

This amendment was adopted by a vote of 20 in favour, none opposed and two abstentions.

Discussion resumed again on the main motion and another amendment was submitted, proposing:

Motion 89-2-14 THAT the degree designations of Option A and Option B be reviewed to consider possible changes to the present Master of Engineering designation.

This motion was adopted by a vote of 20 in favour, none opposed and one abstention.

Returning to the main motion, the vote was called and Motion 89-2-9, as amended by Motions 89-2-11, 89-2-12, 89-2-13 and 89-2-14, was adopted by a unanimous vote.

7. Chairman's Remarks

Dr. Swamy asked Dr. Fazio to inform Council of the recent good news which he was instrumental in arranging. Dr.

Fazio said that a construction company has agreed to grant the University \$100,000 of which \$60,000 would be paid now, and the balance in three years time. Revenue from this capital will be available for undergraduate scholarships. Of the estimated revenue of \$10,000, one half will be designated for students in Building Engineering, and the other half for students in Civil Engineering. Dr. Fazio suggested the scholarships might be granted in \$1,000 packages, some for students who have completed about 35 credits, others for students who have completed about 70 credits.

Dr. Douglass congratulated Dr. Fazio on having obtained this support for C.B.S. and Civil Engineering students.

Dr. Swamy then said that he had another pleasant announcement to make. Dr. Douglass having expressed his wish to be relieved of the chairmanship of the Civil Engineering Department, Dr. Pekau has just been appointed Chair of the Civil Engineering Department for a three-year term starting June 1989. There will be a public announcement to this effect shortly.

8. Adjournment

Motion
89-2-15

Council unanimously adopted a motion to adjourn.